

ABSTRACT OF THE DISCLOSURE

A thermal shield and hermetic seal is provided to prevent deterioration of plastic insulation at a spliced portion of a cable, which includes insulated conductors. The shield includes a sheet of aluminum material wrapped directly around exposed insulated conductors of the cable, a pressure wrap wrapped over the sheet of aluminum material, and an enclosure housing the wrapped insulated conductors. The shield and seal thus provides thermal and hermetic protection that prevents heat exposure as well as infiltration of oxygen and ultraviolet radiation into the splice.